

## BEATEST Portable device for Integrity Test

BeaTest is a portable device designed in a reliable and economical way to check the integrity of the membrane filter systems, using decay pressure test. The stored data can be loaded and printed when linked to any PC.

### USER FRIENDLY

- Autocheck function
- Touch key board

### PROGRAMS

- Displayed on LCD screen

### PORTABLE

- Lightness
- Palmar size

### VERSATILITY

- Membrane testable in the range 0.1  $\mu\text{m}$  ÷ 1  $\mu\text{m}$
- Preselection of 19 test procedures
- 200 results storage capacity
- Windows<sup>®</sup> based software for PC link

### EASY INSTALLATION

- Compressed air line is the only need to perform on site test.



#### DEVICE DATA

Device Name:	FILTERTEST 1
Device Software Version:	3,080
Serial Number:	Bea Technologies

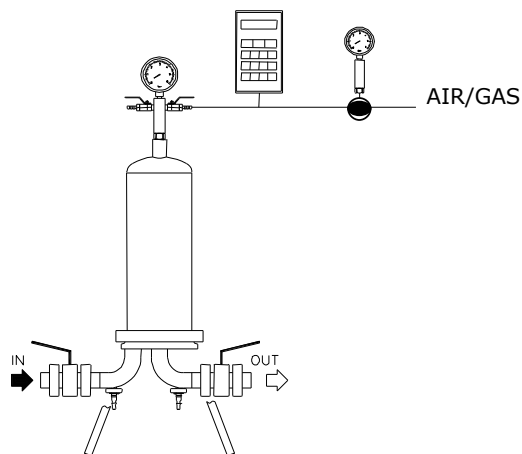
ID-Code:	10
Date (dd.mm.yy):	03/03/2006
Time:	10.07.00
User code:	1971
Test program:	18
Filter type:	TSP-2071-ZT
Filter serial n.º:	12
Fluid type:	water
Housing:	PBC
Results:	pass

#### Parameters

N. of cartridges:	5
Pore size:	0.45 $\mu\text{m}$
Upstream volume:	20000,00 ml
Pressure drop/m:	12,5 mbar/min
Diff. rate/cart.:	50,00 ml/min
Test pressure:	2100,0 mbar
Stab. Time:	60,00 sec
Test time:	180,00 sec

#### Results

Atmosph. Pressure:	1000.0 mbar
Act. press. drop:	6,5 mbar
Act. press. drop/n:	2,2 mbar/min
Total diff. rate:	43,32 ml/min
Act. test press.:	1700,0 mbar
Act. stab. time:	2,00 sec
Act. test. time:	180,00 sec



**INSTALLATION LAYOUT**

**PRINT OUT EXAMPLE**

## SPECIFICATIONS

### Electricals

Power supply and battery charger: 220 V / 7.5 V, 200 mA  
Battery: 1 NiMH ACCU. BLOCK 4.8 V  
Recharging time: 5 hours  
Autonomy: 7 ÷ 12 hours depending from test method  
Memory: 4 months

### Environmental conditions

Temperature range: 3-50°C (37-122°F)  
Relative humidity: 5-95%  
Protection class: IP 53 (splashproof)

### Pneumatics

Gas inlet: Staübli® male connector  
Maximum pressure: 4500 mbar (65 PSI)  
Measuring range: 0-4000 mbar (0-58 PSI) with automatic air exhaust  
Accuracy: 0.2% (constant operation temperature during the test)

### Connectors

Link BeaTest-PC: 4 pole jack

### Dimensions and materials

Dimension: 210 mm x 45 mm x 105 mm (8.3" x 1,8" x 4.1")  
Weight: 520 g (1.1 lbs)  
Case Material: ABS

### KIT BEATEST

- BeaTest device
- Protective suitcase
- Battery charger
- Interface cable for PC link
- International AC adapter
- WINFILTER™ software for PC interface
- Manual

## BEATEST ORDERING INFORMATION

DUO - FS1 - D - 00

CODE	VERSION
00	European Version 220/230V
10	USA Version 110 V

Data contained in this bulletin are informative and subject to change without notice.  
User is responsible for determining whether the product is fit for particular purpose and suitable for  
User's method of application.



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